

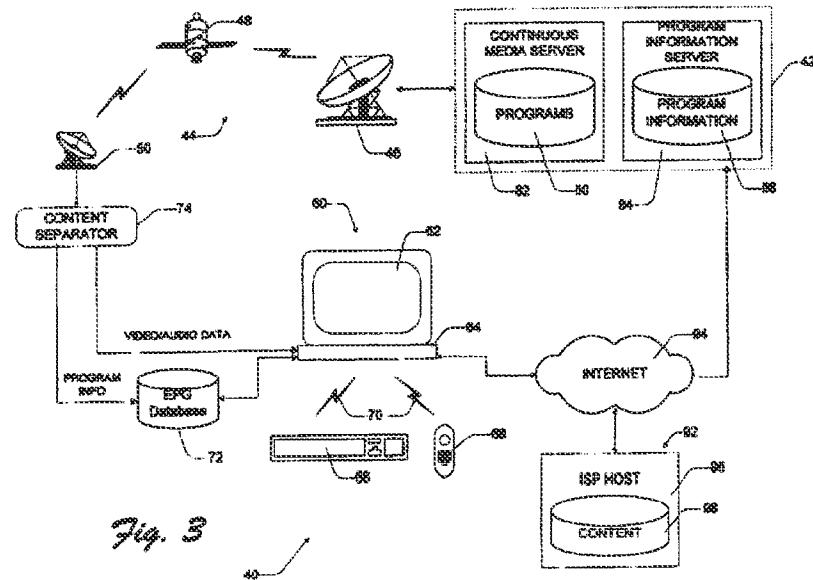
(12) UK Patent Application (19) GB (11) 2 325 537 (13) A

(43) Date of A Publication 25.11.1998

(21) Application No 9805687.2	(51) INT CL ⁶ H04N 7/088, G06F 17/30
(22) Date of Filing 17.03.1998	
(30) Priority Data	(52) UK CL (Edition P)
(31) 08828708	(32) 31.03.1997 (33) US
	G4A AUDB
	H4F FBB FD22 FD24
	U1S S2206
(71) Applicant(s)	(56) Documents Cited
Microsoft Corporation	EP 0758833 A2 EP 0705036 A2 WO 97/46011 A1
(Incorporated in USA - Washington)	WO 97/02702 A2 WO 94/14284 A1 US 5606631 A
One Microsoft Way, Redmond, WA 98052-6399,	
United States of America	US 5223924 A
(72) Inventor(s)	(58) Field of Search
James O Roberts	UK CL (Edition P) G4A AUDB, H4F FBB
David S Byrne	INT CL ⁶ G06F 17/30, H04N 7/088
Steve Fluegel	
Gabe Newell	
Dan Newell	
Kenneth Abbott	Online: WPI

(54) Abstract Title
An electronic television programme guide

(57) An electronic programme guide (EPG) database is interrogated to produce a list of programmes that may be of interest to a viewer. Queries may be composed by users or may be developed automatically by inspection of viewing habits or viewer profiles. Viewer profiles may be produced by interrogation of the viewer. User queries may be stored hierarchically and queries relating to different viewers may be merged. Queries may be allowed to run continually to uncover programmes of interest as they arise in the EPG. Queries may restrict selection of certain categories. A 10-key alphanumeric keypad may be used to enter query data. The EPG interprets the data from each key to mean any of the numbers or letters associated therewith and identifies all possible programmes and channels and networks. As the viewer continues to add letters or numbers, the list narrows dynamically until only a few choices remain. The EPG data may be transmitted with the TV signals and may contain links to Web pages.



At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

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File

Search Utilities

Stations	Program Types
AMC	Business
ARTS	Business; Business
BET	Business; Finance
BRAVO	Business; Investment
CBC	Childrens
CNN	Childrens; Nature
COM	Childrens; Science
CRTV	Educational
CSPAN	Educational; History
CSPANII	Educational; Music
DISN	Educational; Science
DSC	Educational; Teach
E!	Game Show
ESPN	Health
FAM	Health; Health
HBO	Health; Parenting
HSC	How To
HTS	How To; Art
LIFE	How To; Cooking
MAX	How To; Crafts
MTV	How To; Games
NICK	How To; Gardening

MPAA	Rating
G	+
PG	++
PG13	+++
R	++++

Date/Time Field

Help

Previous

Begin

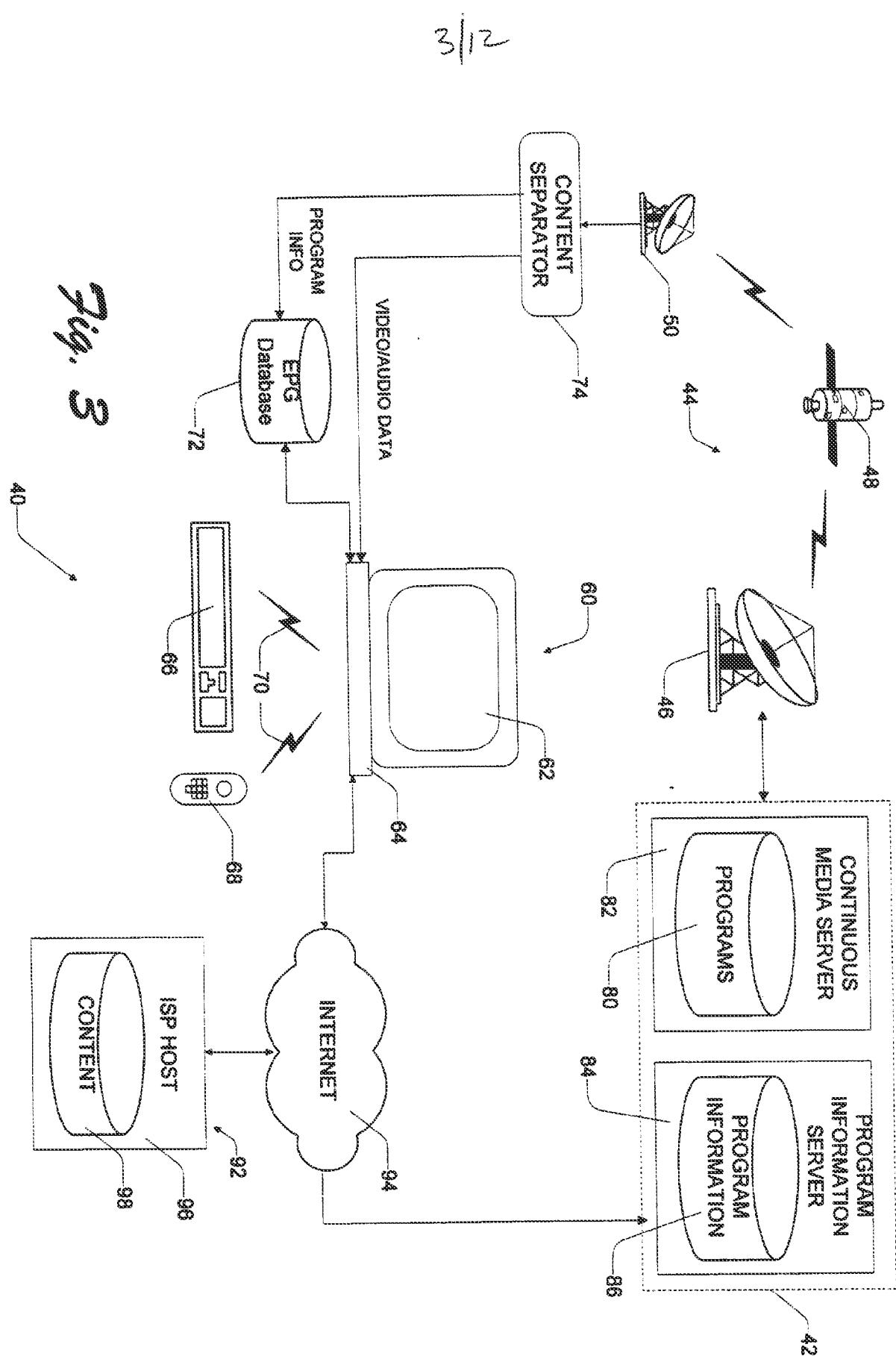
Reset

Cancel

Fig. 2

Print this

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STORAGE POINTER	TITLE	ACTOR	CC	STEREO	TIME	NETWORK	SUPPLEMENTAL CONTENT	DESCRIPTION
PROG1	MURDER, SHE WROTE	LANDSBURY	YES	YES	9:00 PM THURSDAY	CBS	CONTENT: http://www.nbc.com/seinfeld.html	"The Secret of Gila Junction" Jessica...
PROG2	SEINFELD	SEINFELD	YES	YES	9:00 PM THURSDAY	NBC	CONTENT: http://www.nbc.com/seinfeld.html	"The Friars Club" Jerry tries...
PROG3	STAR TREK NEXT GEN.	STEWART	YES	YES	10:00 PM FRIDAY	FOX	CONTENT: http://www.fox.com/startrek.html http://www.collectors.com/trekcollectables.html	"Delta Vega" Picard is faced...

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Fig. 4

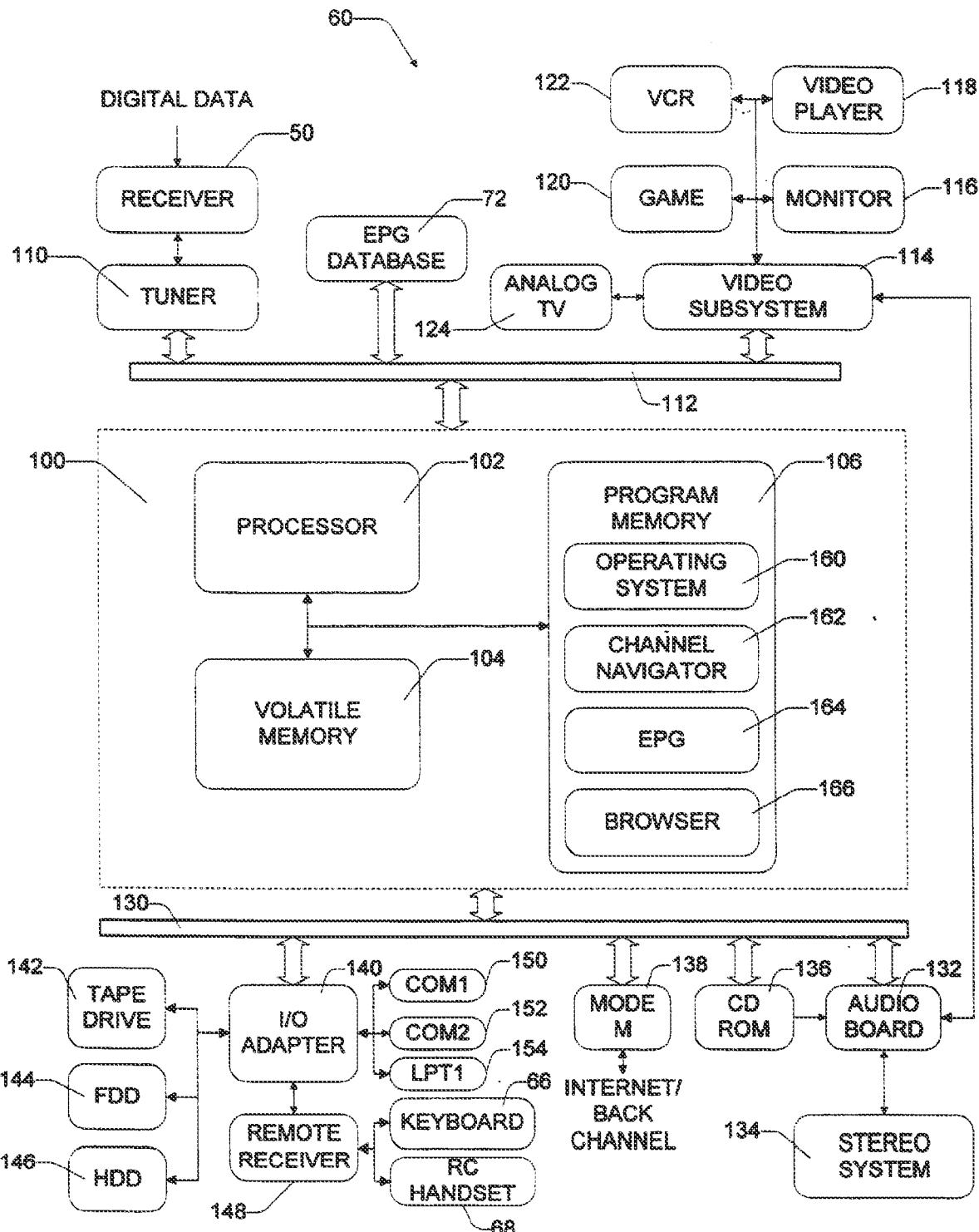
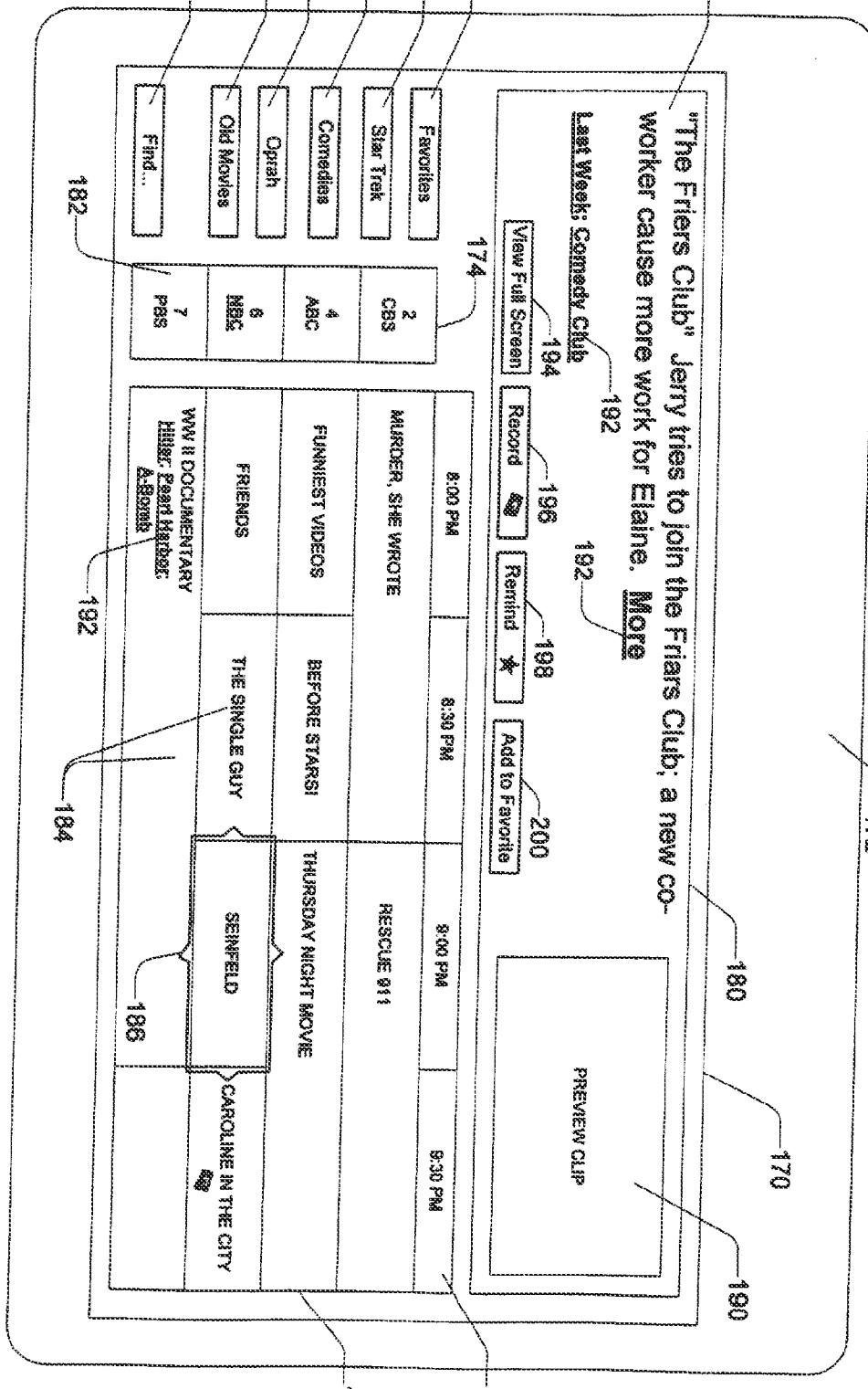


Fig. 5



Dig. 6

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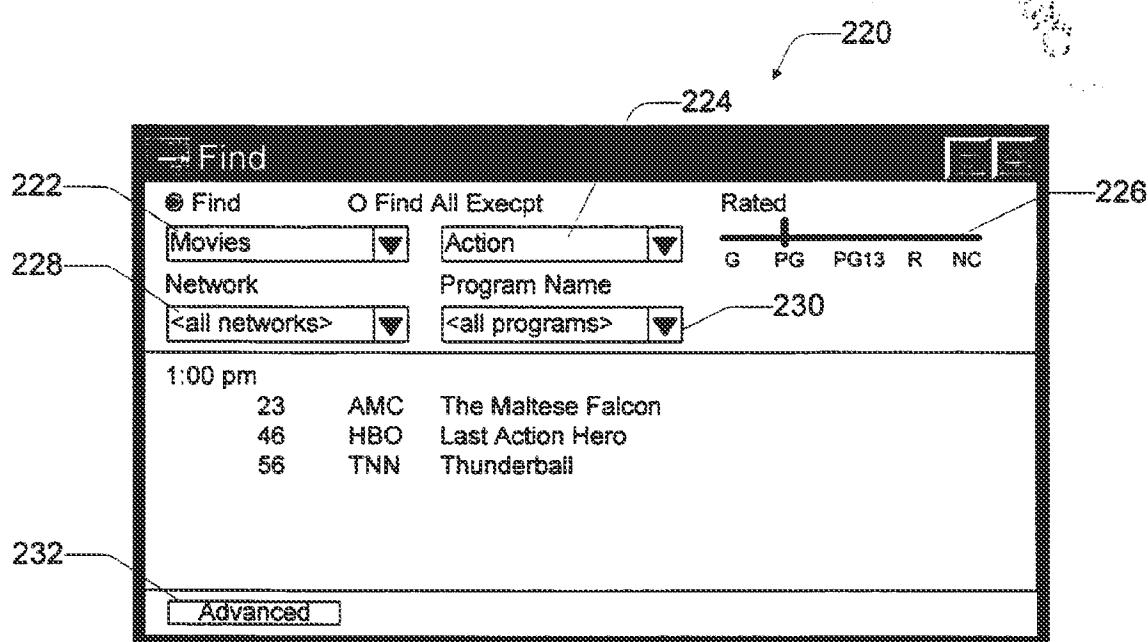


Fig. 7

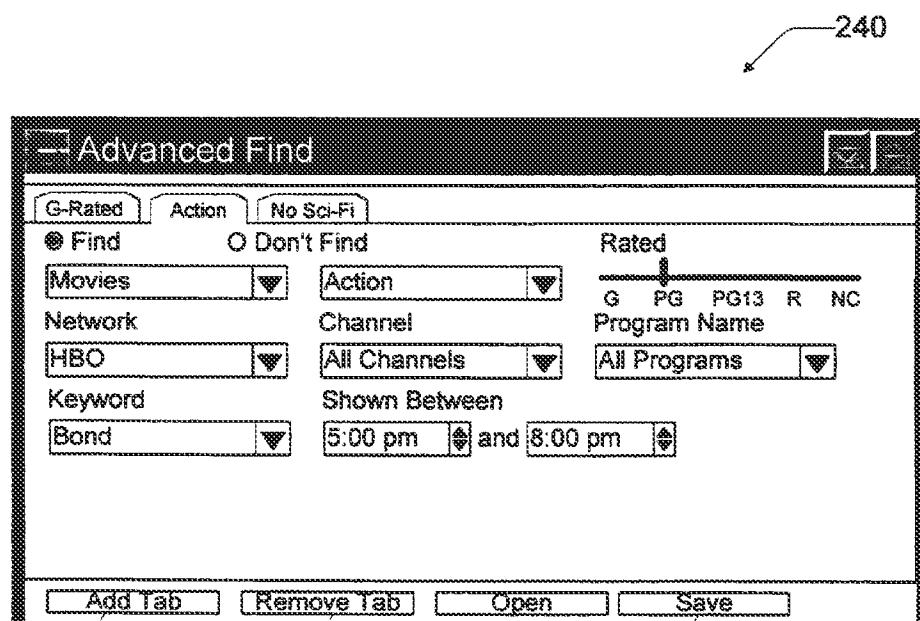


Fig. 8

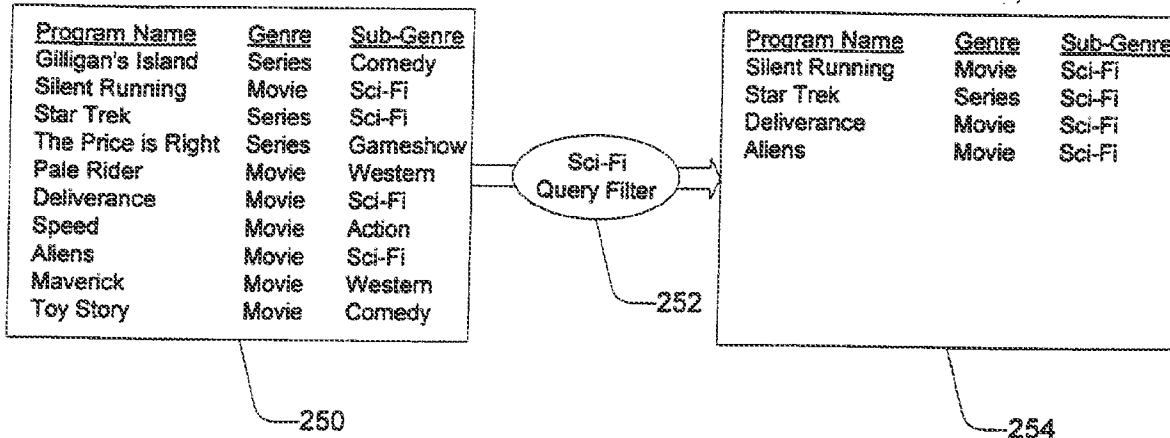


Fig. 9

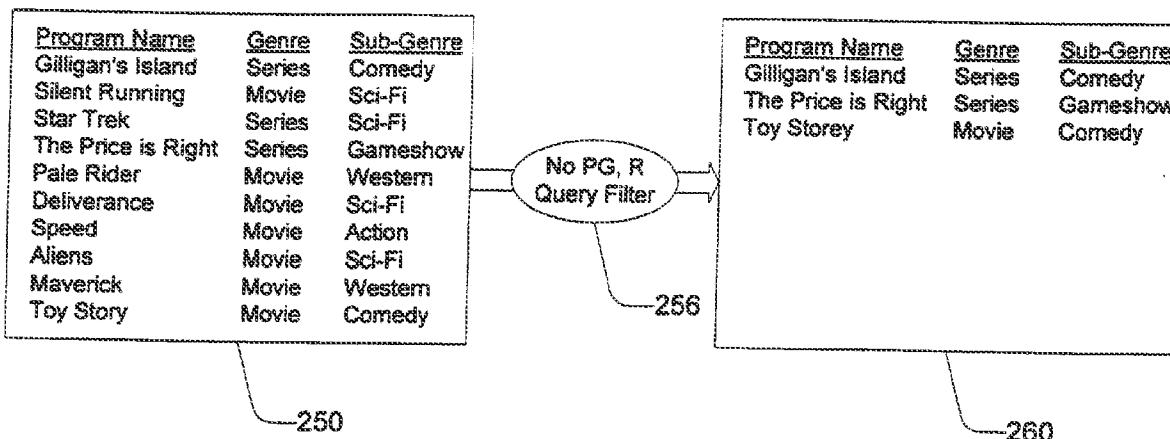


Fig. 10

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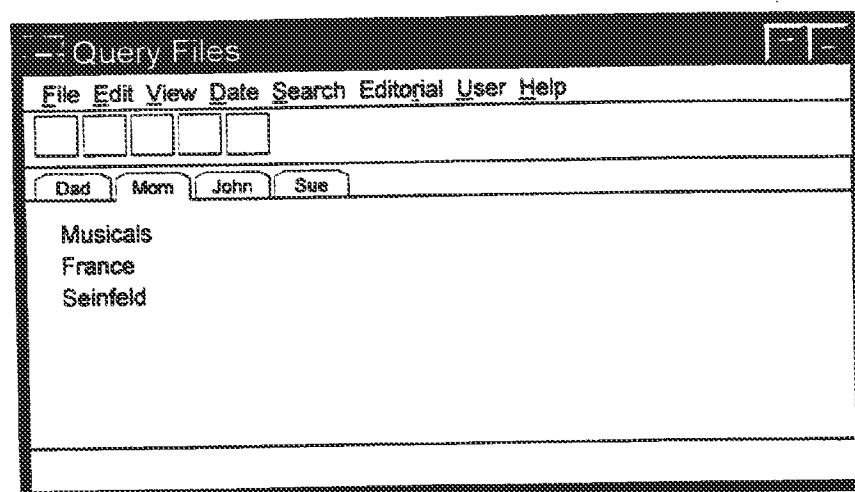


Fig. 11

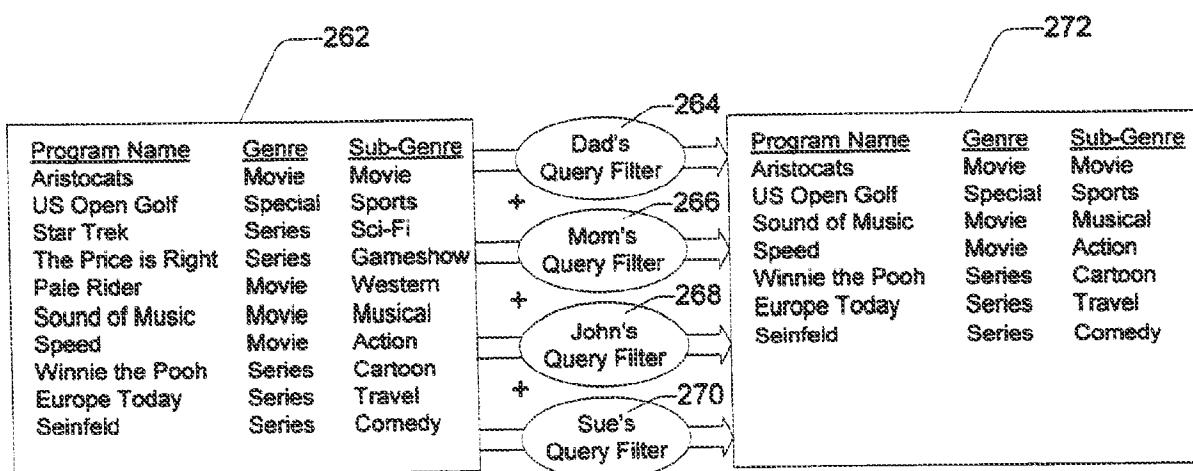


Fig. 12

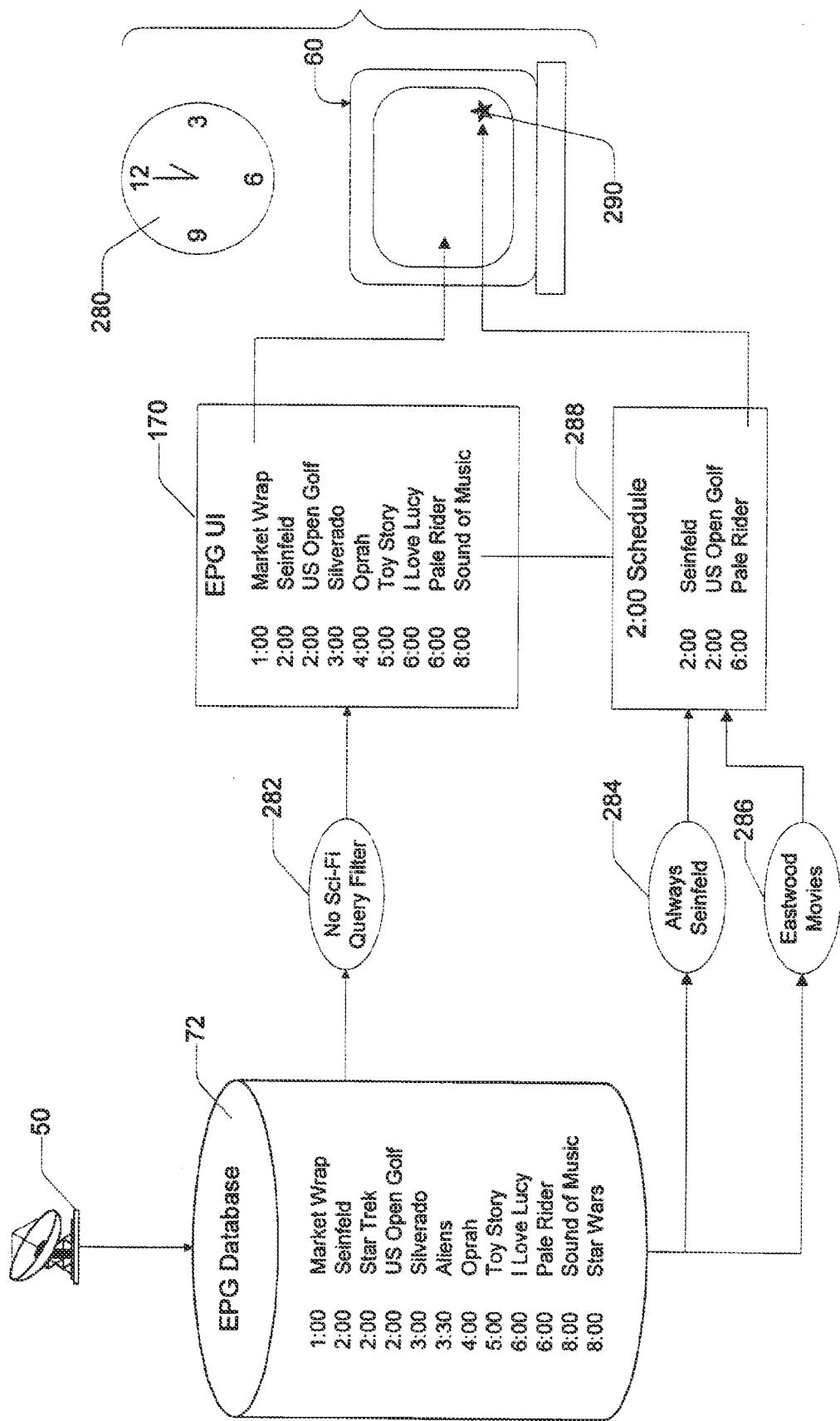


Fig. 13

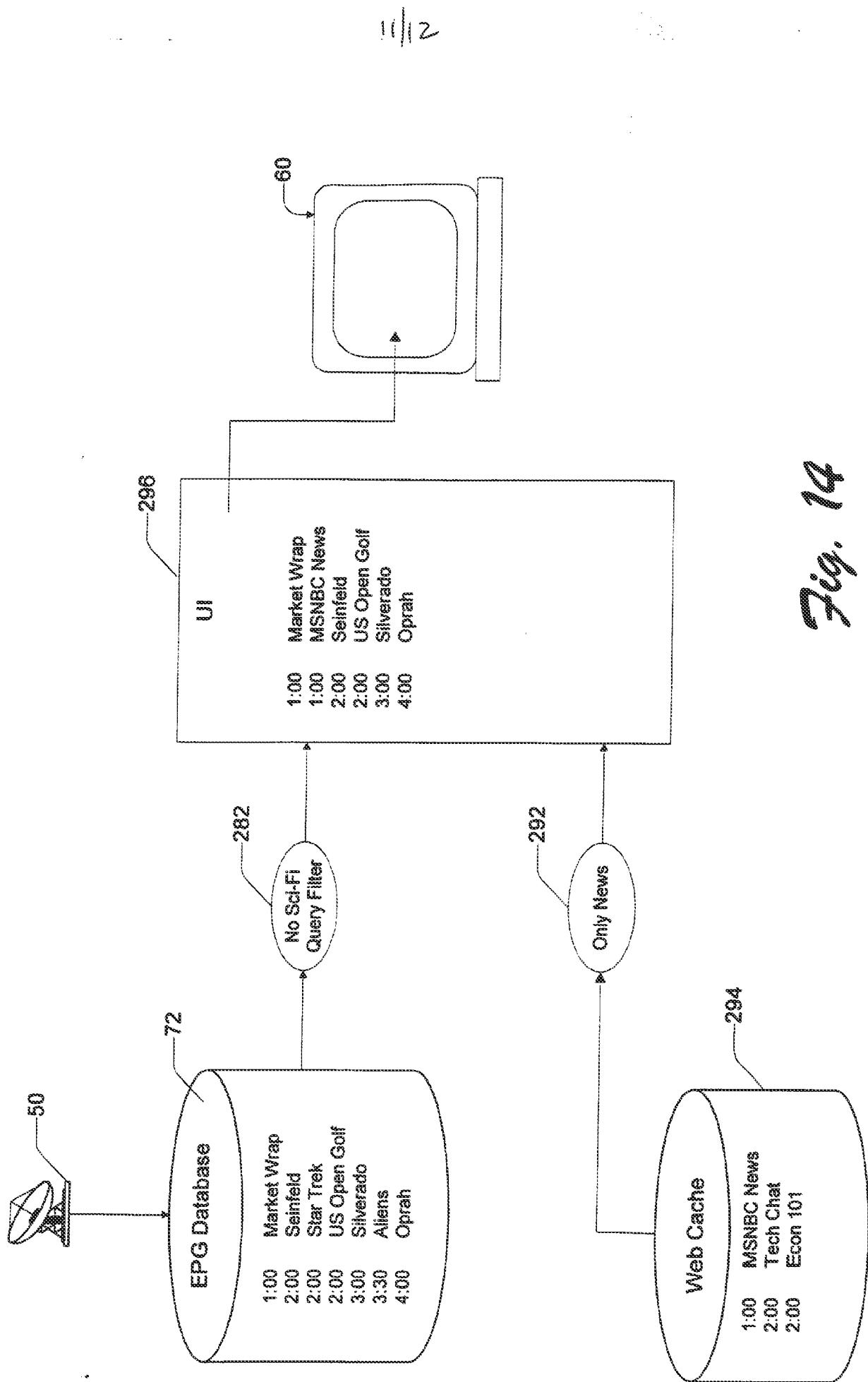


Fig. 14

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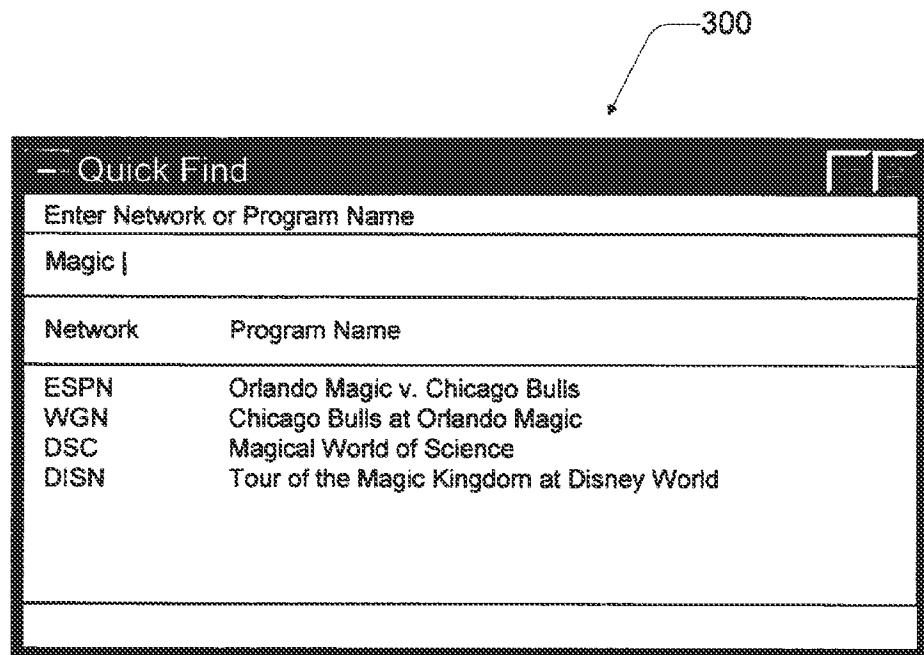


Fig. 15

UK Patent Application GB 2 406 458 A

(43) Date of A Publication 30.03.2005

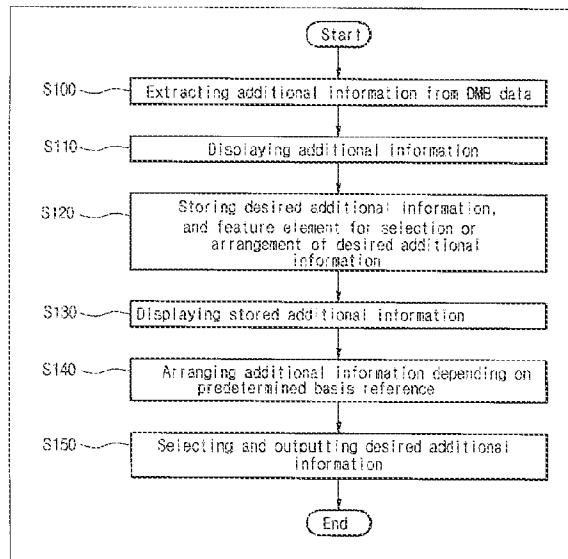
(21) Application No:	0420710.6	(51) INT CL ⁷ : H04H 1/00, H04N 5/445 7/025
(22) Date of Filing:	17.09.2004	(52) UK CL (Edition X): H4F FBBB H4L LERX
(30) Priority Data:		(56) Documents Cited: EP 1220479 A2 EP 0989695 A2 EP 0961430 A2 EP 0843429 A2
(31) 10200364425	(32) 17.09.2003	(33) KR
(71) Applicant(s): LG Electronics Inc. (Incorporated in the Republic of Korea) 20 Yoido-Dong, Youngdungpo-gu, Seoul, Republic of Korea		(58) Field of Search: INT CL ⁷ H04B, H04H, H04N Other: Online: WPI, EPODOC, JAPIO, INSPEC, COMPENDEX
(72) Inventor(s): Jun Kim Sang O Park		
(74) Agent and/or Address for Service: Withers & Rogers Goldings House, 2 Hays Lane, LONDON, SE1 2HW, United Kingdom		

(54) Abstract Title: Digital multimedia broadcasting receiver which displays additional information

(57) A method of using additional information at a DMB (Digital Multimedia Broadcasting) receiver includes the steps of: extracting and displaying additional information from a DMB signal; selecting and storing a desired one of the displayed additional information; displaying a list of the stored additional information depending on a user's request command; and outputting additional information selected at the list of the additional information.

A feature element describing a feature of the additional information may be stored and used to arrange the display of additional information or to extract additional information corresponding to the feature element from the received DMB signal. The additional information may be traffic information or news.

FIG. 11



GB 2 406 458 A

FIG. 1

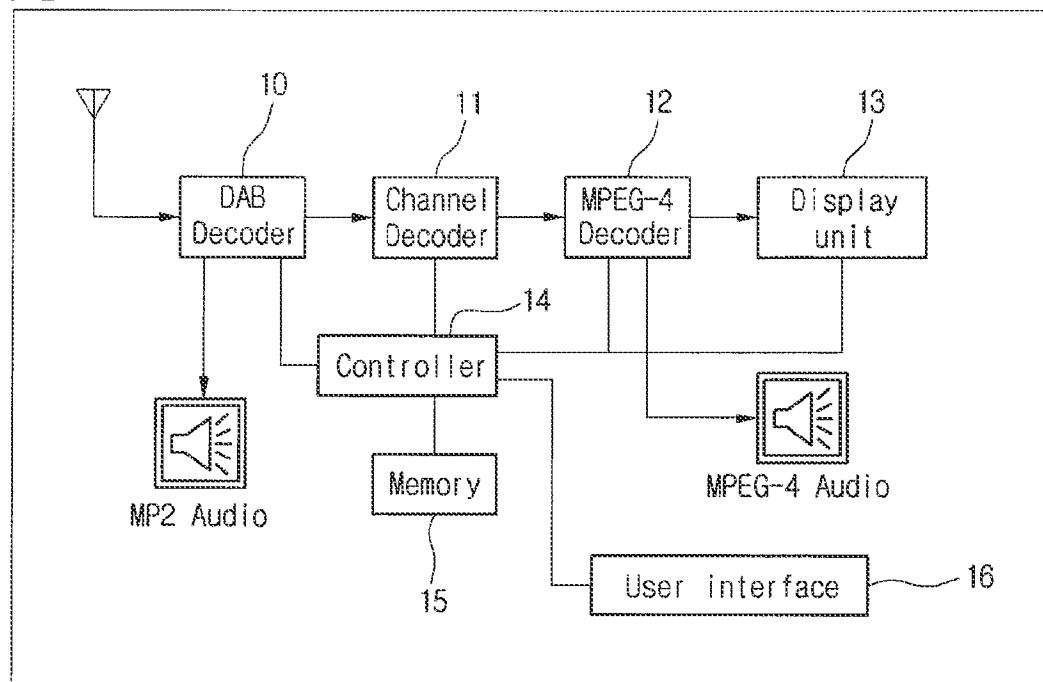


FIG. 2

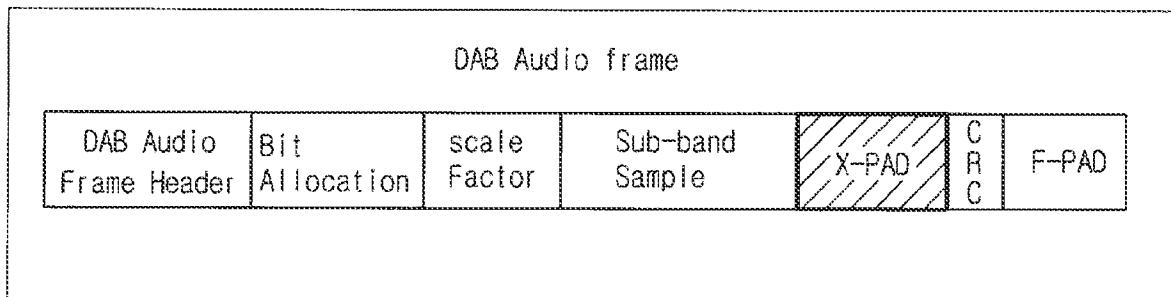


FIG. 3

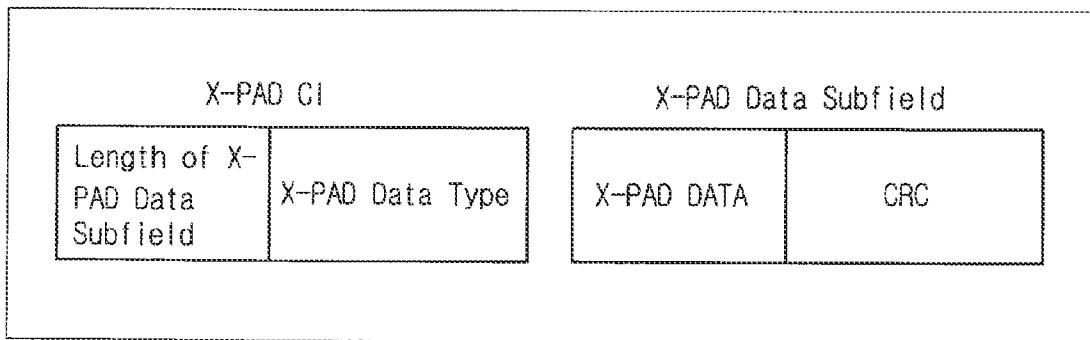


FIG. 4

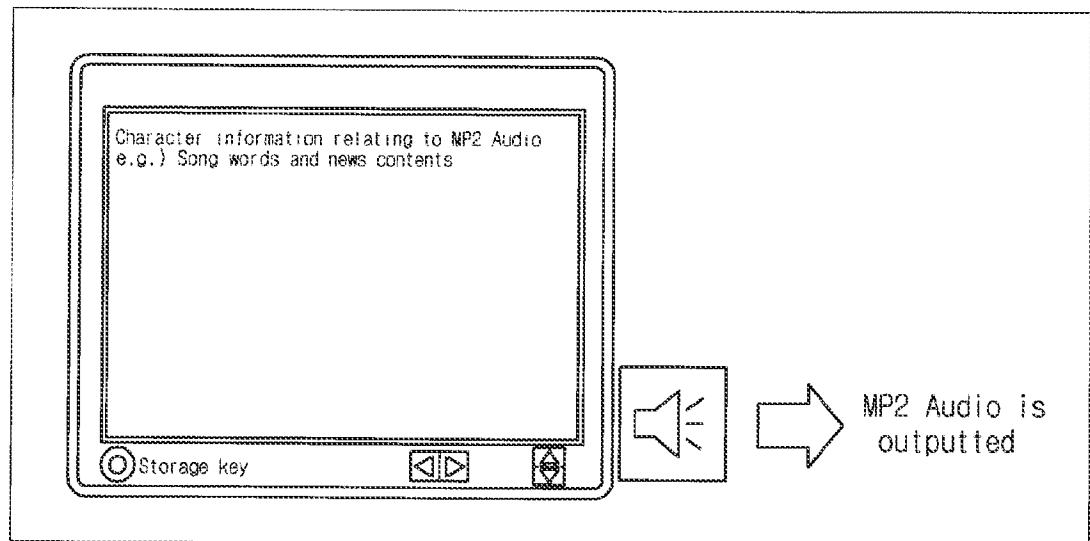


FIG. 5

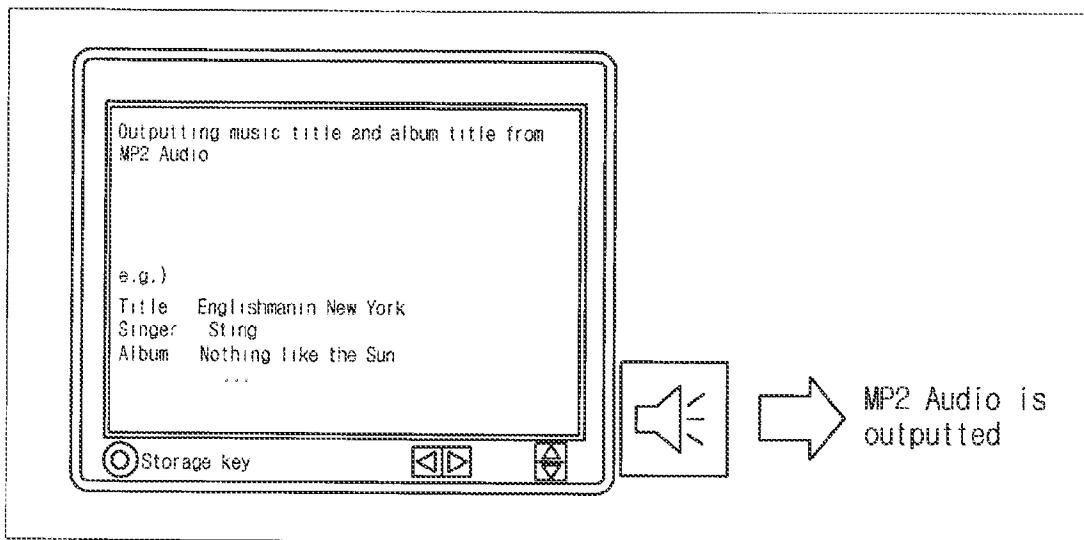


FIG. 6

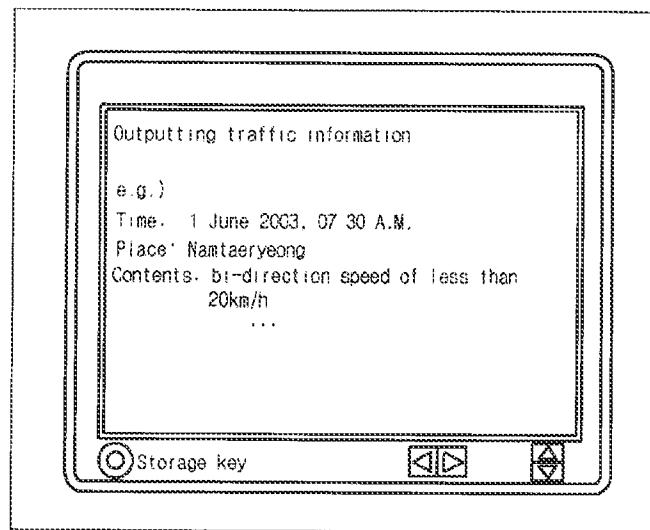


FIG. 7

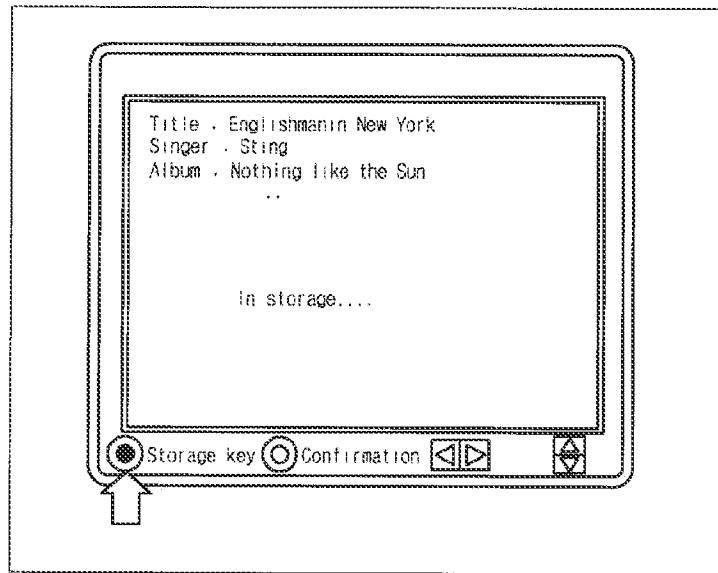


FIG. 8

FIG. 9

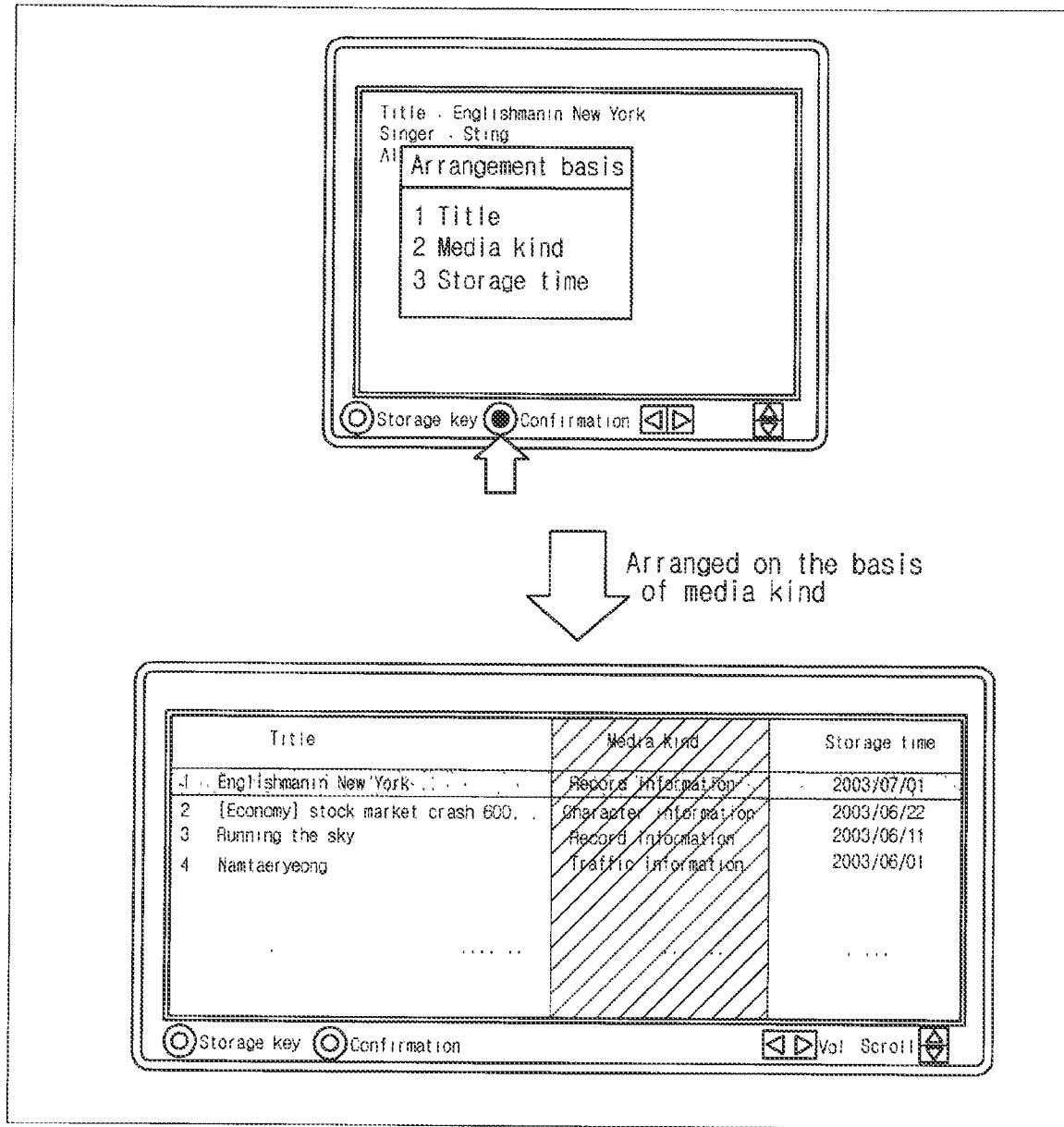


FIG. 10

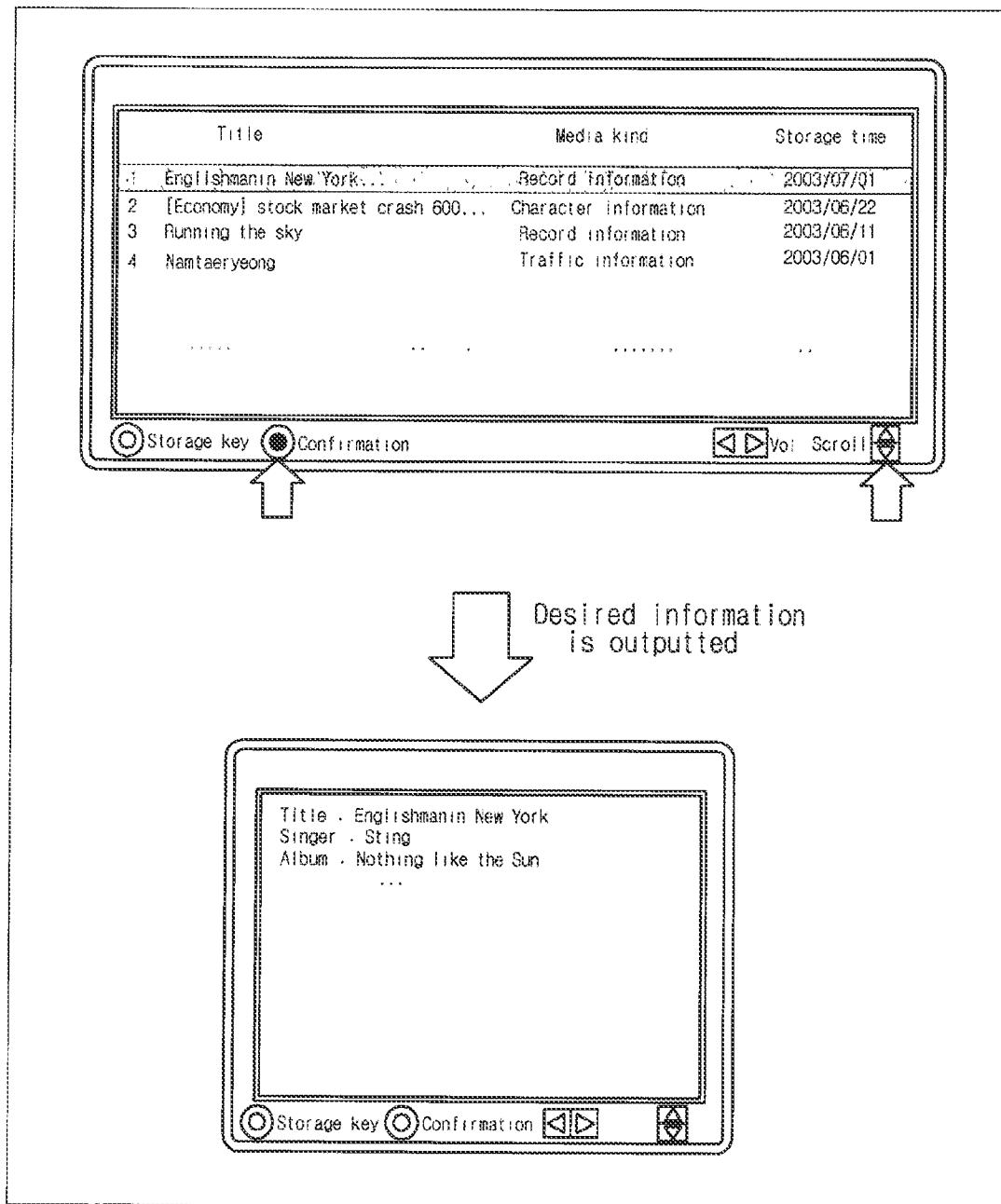


FIG. 11

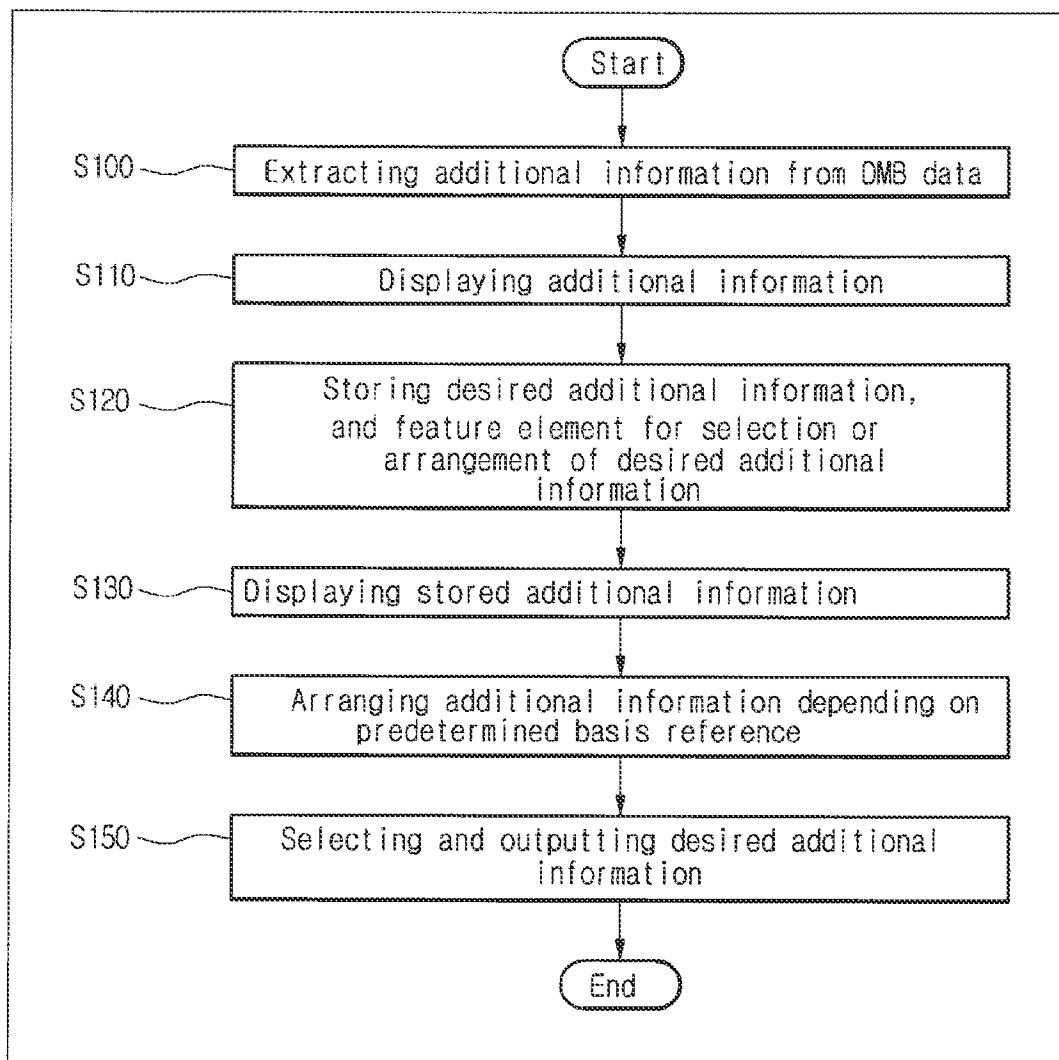


FIG. 12

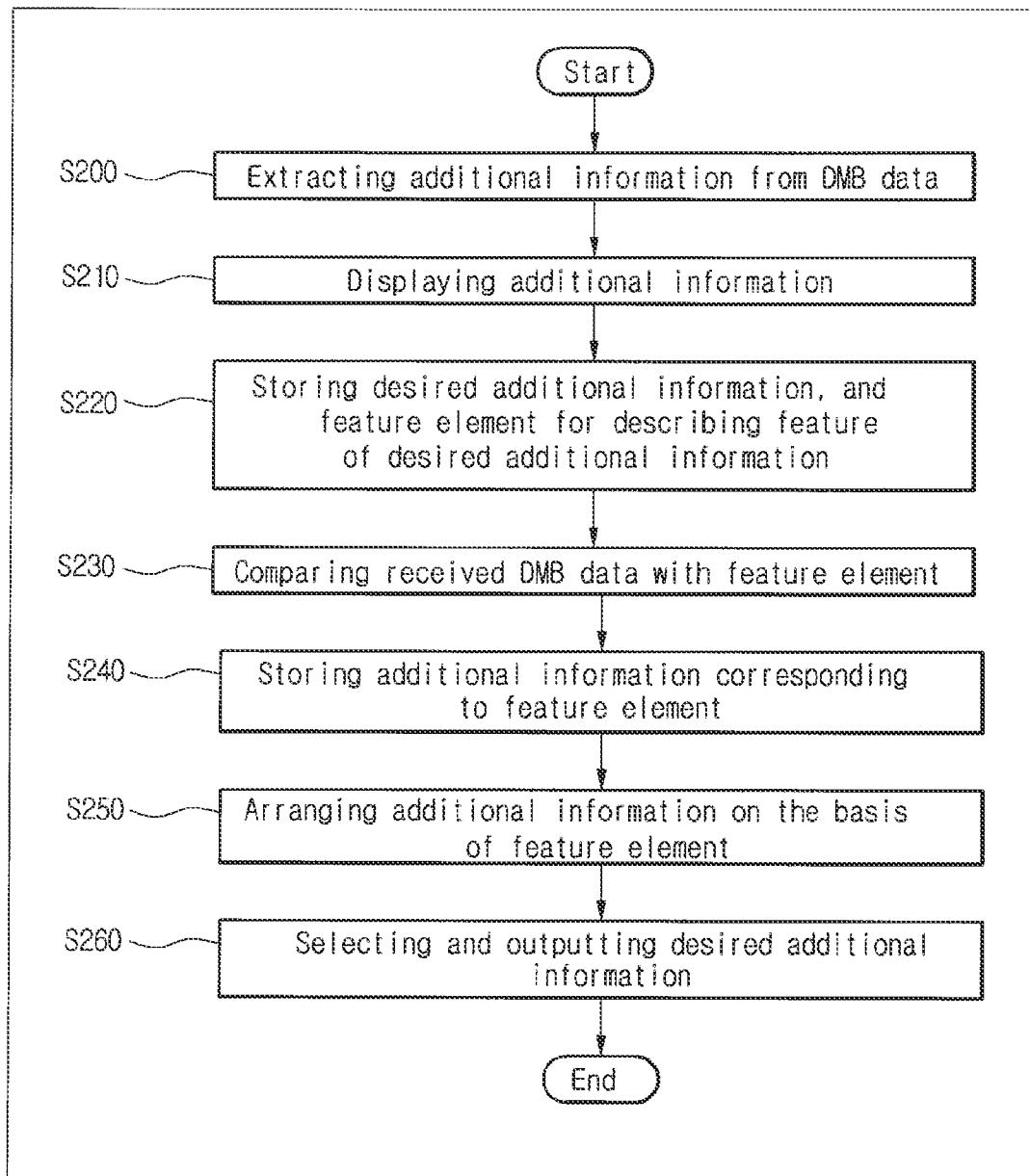
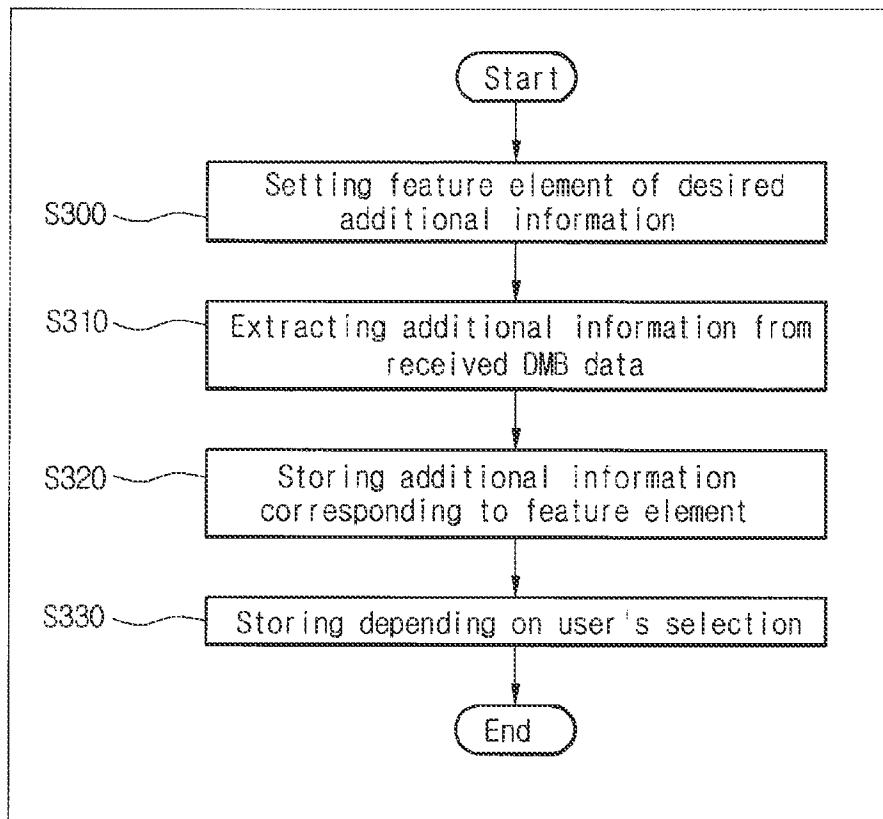


FIG. 13



(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

PCT

(18) International Publication Number
WO 2004/095345 A1

(51) International Patent Classification⁷: G06G 3/00, G36F 17/30, H04N 7/14, 7/13

(21) International Application Number: PCT/US2004/006672

(22) International Filing Date: 4 March 2004 (04.03.2004)

(23) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/458,553 28 March 2003 (28.03.2003) US

(71) Applicant (for all designated States except US): THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): IVEY, Matthew, Albert [US/US]; 11296 NW Skyline Boulevard, Portland, Oregon 97231 (US); NAYLOR, John, Robert [GB/US]; 2707 South Shore Boulevard, Lake Oswego, Oregon 97034

(76) (US). PEARCE, James, Edward [GB/US]; 3889 Northwest 120th Terrace, Portland, Oregon 97229 (US).

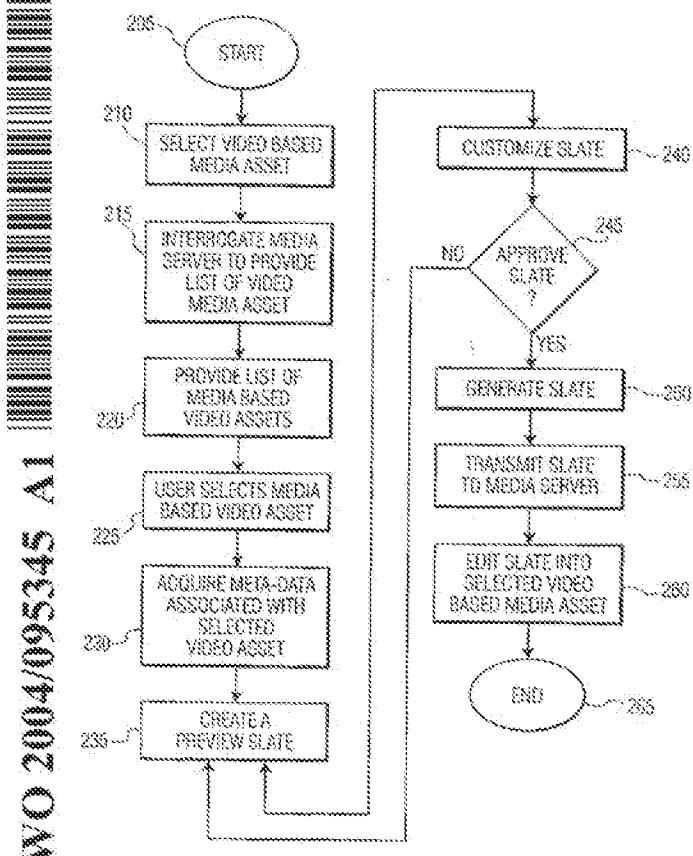
(78) Agents: TRIPOLI, Joseph, S. et al., 2 Independence Way, Suite 200, Princeton, New Jersey 08540 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): AEPPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A SLATE USING METADATA



(57) Abstract: A system (100) and corresponding methods (205-265) are provided for enabling the automatic generation of a slate using metadata. The method comprises the steps of: receiving a request to provide a user with a list of video media assets so the user can select a video media asset to generate a slate (210); providing the user with the list of video media assets (220) and receiving a selected video media asset from the user (225); acquiring metadata associated with the selected video media asset (230), creating a preview of the slate by generating fields that are associated with the acquired metadata (235), generating the slate in response to the user's approval of the previewed slate (250), transmitting the slate to a video server (255); and editing the slate into the selected video media asset (260) so the slate and the video media asset can be viewed in conjunction with each other, thereby providing the user (via the slate) with information about the video media asset such as the video media asset's name, duration, database location, etc.

WO 2004/095345 A1



(11) EP 1 988 711 A2

(12) EUROPEAN PATENT APPLICATION

(43) Date of publication:
05.11.2008 Bulletin 2008/45

(51) Int Cl.:
H04N 7/10 (2006.01)

(21) Application number: 08161654.2

(22) Date of filing: 02.10.1996

(84) Designated Contracting States: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE	(72) Inventor: The designation of the inventor has not yet been filed
(30) Priority: 02.10.1995 US 537650 P 03.05.1996 US 642259 P 26.07.1996 US 22826 P	(74) Representative: Neobard, William John et al Kilburn & Strode 20 Red Lion Street London WC1R 4PJ (GB)
(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 05075464.7 / 1 542 464 96936153.4 / 0 880 856	Remarks: This application was filed on 01-08-2008 as a divisional application to the application mentioned under INID code 62.
(71) Applicant: Starsight Telecast, Inc. Los Angeles, California 90028 (US)	

(54) Systems and methods for providing television schedule information

(57) The present invention provides systems and methods for providing television schedule information to a viewer, and for allowing the viewer to link, search, select and interact with information in a remote database, e.g., a database on the internet. The television schedule information can be displayed on a variety of viewer interfaces, such as television screens (32), computer monitors (10), PCTV screens (362) and the like. The television schedule information may be stored on the viewer's computer (10), television (32), PCTV (362), or a remote server (350), or the television schedule information may be downloaded from a remote database to the viewer's computer (10), television (32) or PCTV (362).

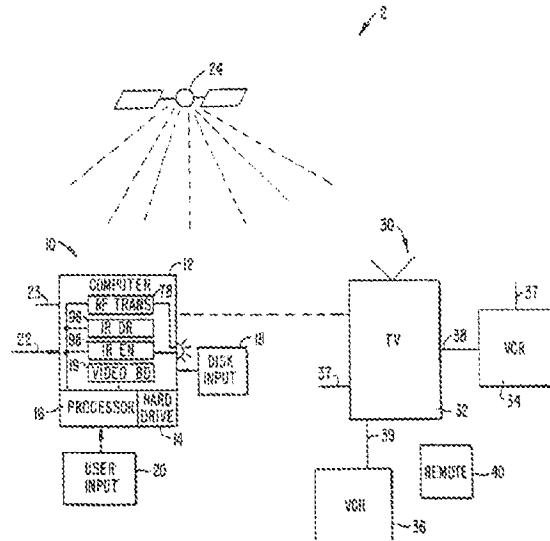


FIG. 1